

TITLE: BURNING CHARACTERISTICS OF TOBACCO LEAVES

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ABSTRACT: An instrument for determining the burn characteristics of leaf tobacco was devised. Burn weight, burn area, average burn length, and the glowing time on the leaf surface were observed for various tobacco leaves, and their correlations were analyzed. The results obtained from the leaf tobacco were compared with the burn properties of the same sample of non-blended cigarettes determined by a commercial tester. Burn characteristics of leaf tobacco show more consistent differences than those of cigarettes for both varieties and stalk positions. The effect of leaf color, some inorganic chemical components, and leaf structure on burn characteristics of leaf tobacco were also analyzed and the results will be discussed.

REVIEW: The reviewer had nothing further to add to the abstract.

-Ed.

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